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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Bernhard Raaf, et al.                      Art Unit : Unknown  
Serial No. : 09/786,738                                      Examiner : Unknown  
Filed : March 8, 2001  
Title : METHOD FOR FORMING OR DETECTING A SIGNAL SEQUENCE AND  
TRANSMITTER UNIT AND RECEIVER UNIT

**BOX PCT**  
Assistant Commissioner for Patents  
Washington, DC 20231.

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JAN 17 2002  
Technology Center 2600

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

IN THE CLAIMS:

Please amend claims 1 to 8, as follows:

--1. (Amended) A method for synchronizing a base station to a mobile station,  
comprising:  
transmitting a signal sequence K(i) of length n from the base station to the mobile station,  
the signal sequence K(i) comprising:  
a second signal sequence element K2(k) of length n2 repeated n1 times and a  
modulated first signal sequence element K1(j) of length n1;  
wherein n1 is equal to n2, and the signal sequence K(i) is determined in the  
mobile station.

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I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents Washington, DC 20231.

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